

RETREAT MENTAL HOSPITAL

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W. T. Brackett, M.D.

SUPERINTENDENT
RETREAT, PENNA.

CENTRAL POOR DISTRICT OF LUZERNE COUNTY,
PENNSYLVANIA

Thirty-fifth
ANNUAL REPORT
OF THE
SUPERINTENDENT
OF THE
RETREAT MENTAL HOSPITAL

PPW 145/87.1
1934
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For the Fiscal Year Ending December 31, 1934

Form WAD-18 1M-8-35

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CENTRAL POOR DISTRICT OF LUZERNE COUNTY,
PENNSYLVANIA

Thirty fifth
ANNUAL REPORT

OF THE

SUPERINTENDENT

OF THE

RETREAT MENTAL HOSPITAL



For the Fiscal Year Ending December 31, 1934

RETREAT MENTAL HOSPITAL

BOARD OF DIRECTORS

George K. Brown	22 West Union Street, Wilkes-Barre
Lorrie R. Holcomb	3 Oxford Street, Wilkes-Barre
Charles Kuschke	128 Gaylord Avenue, Plymouth
Benjamin F. Evans	66 Mallery Place, Wilkes-Barre
Peter E. Turik	6 West Main Street, Glen Lyon
Elmer E. Edwards	107 South Main Street, Parsons
Frank T. Naugle	297 River Street, Forty Fort
J. Stanley Rinehimer	488 Rutter Avenue, Kingston

OFFICERS OF THE BOARD

J. Stanley Rinehimer	President
George K. Brown	Secretary
Charles Kuschke	Treasurer

Robert Lawrence Coughlin, Wilkes-Barre	Solicitor
Austin L. Reilly, Wilkes-Barre	Architect

STAFF OFFICERS

George T. Baskett, A.B., M.D.	Superintendent
E. Ross Laughlin, M.D.	Assistant Superintendent
Olive T. Baskett, M.D.	Assistant Physician
Mary E. Bowyer, M.D.	Assistant Physician
Herbert T. Hughes, D.D.S.	Dentist
Walter Wilson	Steward
Margaret Gerringer, R.N.	Superintendent of Nurses
Helen Lynch Judge	Chief Occupational Therapist (Graduate St. Louis School of O. T.)
Vera Stackhouse	Assistant Occupational Therapist (Graduate Philadelphia School of O. T.)
Keziah Holloway	Director of Music and Allied Activities (Graduate Wyoming Seminary School of Music)
Florence Wilson, R.N.	Psychiatric Social Worker
John J. Riordan	Head Supervisor
Harry A. Snyder	Chief Engineer
Rev. Leo V. Gilroy	Catholic Chaplain
Rev. Henry R. Taxdal	Protestant Chaplain

CONSULTANTS

F. W. Heyer, M.D.—Nanticoke	Consultant in Surgery
L. C. Rummage, M.D.—Nanticoke,	Consultant in Otolaryngology and Ophthalmology
R. R. Janjigian, M.D.—Wilkes-Barre	} Consultants in General Medicine and Pathology
W. W. Waters, M.D.—Nanticoke	
H. Gordon Guyler, M.D.—Wilkes-Barre	
L. S. Reese, M.D.—Kingston	Consultant in Bronchoscopy
P. E. Ringawa, M.D.—Nanticoke	Consultant in Roentgenology
William van de Wall, Mus. Doc—New York	Consultant in Music
Florentine Hackbusch—State Bureau of Mental Health,	Consulting Psychologist

REPORT OF THE SUPERINTENDENT

In accordance with the provisions of the law, the 35th annual report of the Retreat Mental Hospital for the fiscal year ended December 31, 1934, is herewith submitted.

ADMINISTRATIVE STAFF, 1934

	Men	Women	Total
Superintendents	1	0	1
Assistant Superintendents and Asst Physicians...	1	2	3
Pathologists—consulting only			
Psychologists—consulting only			
Stewards and Assistant Stewards	2	0	2
Pharmacists (work done by assistant physician)			
Dentists	1	0	1
Graduate nurses	2	5	7
Other nurses and attendants	39	33	72
Occupational Therapists and assistants	1	5	6
Industrial supervisors	1	1	2
Psychiatric social workers	0	1	1
All other officers and employees	28	21	49
Total officers and employees	76	68	144

FINANCIAL STATEMENT*

A. Expenditures for Maintenance:

Salaries and wages	\$130,355.48
Food	52,309.23
Milk purchased	4,420.92
Fuel, light, heat and cold storage.....	16,591.15
Current purchased	3,876.70
Clothing and dry goods	10,205.31
Furniture, furnishings and bedding ..	2,882.93
Household supplies—dishes, utensils, etc.	1,388.09
Maintenance of 22 patients at Ransom	4,637.12
Repairs, ordinary—buildings, ferry, etc.	12,553.27
Special repairs and replacements:	
Re-wiring contract	10,630.50
8 monel metal sinks for dining rooms	1,394.50
350 metal dining room chairs.....	962.50
24 linoleum top tables for dining rooms	737.28
Carried forward	\$252,944.98

Brought forward	\$252,944.98
Miscellaneous	15,785.82

(This item includes tobacco, laundry supplies, soaps, wax, cleaners, disinfectants, mops, pails, sprayers, brushes, broom supplies, toilet paper, wrapping paper, bags, twine, toweling, combs, pipes, matches, drugs and drug supplies, hospital supplies, dental supplies, glasses, photographic and X-ray supplies, barber's supplies, occupational therapy supplies, music therapy supplies, library expense, printing and office supplies, postage, telephone expense, freight and express, entertainment, transportation and travel, supplies for green-house and grounds, insurance, cash and refunds, etc.)

Charge for produce supplied by the Farm:

Milk and dairy products	\$15,367.92
Poultry and eggs	2,735.21
Vegetables	5,103.27
Meats	9,744.15
Miscellaneous	331.55
	<hr/>
	\$33,282.10

**60 % chargeable to Mental

Hospital	19,969.26
	<hr/>
	\$288,700.06

Credit for Receipts as follows:

Rents	\$ 4,031.50
Provisions sold	5,720.13
Telephone tolls	217.84
Occupational therapy sales.. ..	834.42
Refunds	1,759.47
Miscellaneous	373.77
	<hr/>

\$ 12,937.13

Net Total Maintenance \$275,762.93

B. General Expenditures:

(This item includes expenditures for all purposes other than maintenance such as new buildings, additions and permanent betterments).

Construction of porches for wards 14, 16, 17 and 18 with additions to wards 13 and 15 for tuberculous patients.. ..	\$ 43,700.00
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Brought forward	\$ 43,700.00
Furniture, beds, bedding and equipment for 2 new dormitories for employees	2,691.35
Bars for windows on wards 6 and 12	295.00
50 beds, 50 mattresses and 100 blankets for new quarters for patients on wards 6 and 12.....	863.75
50 steel lockers for new quarters for patients	402.35
Remodeling of old laundry and old refectory — completion of 1933 contract	903.06
Roads and grounds—improvements	1,214.00
Motion picture projector	550.00
Additional sewing machines	156.66
Completion of C. W. A. projects	728.11
Miscellaneous new equipment	394.73
Transportation of patients	484.05
Architect's fees	599.89
Insurance	147.08
3 electric refrigerators for dining rooms of receiving wards and of ward 13	338.55
Total General Expenditures.....	\$ 53,468.58

C. Grand Total Expenditures \$329,231.51

*This is a summarized statement—a detailed statement showing the complete break-down of all expenditures is on file at the institution and in the office of the Central Poor District.

**40% of this item is chargeable to the Home.

Expenditures for maintenance amounted to \$275,762.93 as compared with \$262,812.91 for 1933. This small increase is due to the several unusual items under special repairs and replacements (the re-wiring job at a cost of \$10,630.50 and the special dining room equipment costing \$2,894.28) to the general rise in prices that has taken place during the year and to the larger number of patients cared for. The weekly per capita cost for maintenance was \$5.60. The weekly per capita cost for the last fiscal years has been as follows:

1926.....	\$8.52
1927.....	6.95
1928.....	6.54
1929.....	6.36
1930.....	6.08
1931.....	5.67
1932.....	5.20
1933.....	5.41
1934.....	5.60

The record of commodity price indices will explain, in large measure, the increase in expenditures for maintenance. Taking the commodity price index as 100 as of December 31, 1931, the index had increased to 127.5 on January 5, 1934 and to 158.2 on January 1, 1935—an increase of 24% in the past year.

Total expenditures for 1934, exclusive of the charge of \$19,969.26 for produce supplied by the farm, were \$322,199.38. The income to cover these expenditures was derived from the following sources:

From taxation	\$217,952.24
From Commonwealth of Pennsylvania	69,914.28
From paying patients	21,395.73
From all other sources	12,937.13
	<hr/>
	\$322,199.38

Average Purchase Price and Annual Per Capita Cost of Staple Articles of Consumption

	Average Purchase Price	Annual Per Capita Cost
Fresh meat, per pound	\$0.0817	\$10.89
Poultry, per pound .....	.2203	.93
Flour, per barrel	4.9684	4.86
Butter, per pound .....	.2471	9.20
Cheese, per pound .....	.1032	.40
Eggs, per dozen .....	.2233	3.49
Tea, per pound .....	.1642	.54
Coffee, per pound .....	.1446	1.03
Sugar, per hundred weight	4.56	3.17
Milk, per gallon .....	.29	13.03
Coal, per long ton	2.51	13.85

Population

As usual, the population trend continues upward. Our construction program will provide for the anticipated increase during 1935 but at the end of the year the need for additional room will in all probability be acute.

At the beginning of 1934 the population was 910—471 men and 439 women—with an additional 24 men transfers at the Ransom Mental Hospital—a grand total of 934. At the close of the year the population was 934—482 men and 452 women—with an additional 21 transfers at Ransom—a grand total of 955.

The total number on parole or otherwise absent at the end of the year was 65—39 men and 26 women. The total number on record, exclusive of the transfers, was 999—521 men and 478 women.

During 1934 there were 180 admissions—102 men and 78 women. Of these, 143 were first admissions (78 men and 65 women) and 37 were readmissions (24 men and 13 women). 6 men patients, ex-service men, were transferred to the U. S. Veterans Hospital at Coatesville, Penna. There were 45 deaths during the year—23 men and 22 women. There are still 21 men patients on temporary transfer at the Ransom Mental Hospital.

Population figures at the ends of the last 9 fiscal years have been as follows:

1926.....	670
1927.....	716
1928.....	740
1929.....	784 (including 30 transfers at Ransom)
1930.....	825 (including 27 transfers at Ransom)
1931.....	859 (including 23 transfers at Ransom)
1932.....	921 (including 24 transfers at Ransom)
1933.....	934 (including 24 transfers at Ransom)
1934.....	955 (including 21 transfers at Ransom)

TABLE 1—General Statistics of Population

	Men	Women	Total
Number of patients at beginning of year..	471	439	910*
Number on parole or otherwise absent.....	38	35	73
Total	509	474	983
Admitted during the year:			
First admissions	78	65	143
Readmissions	24	13	37
Transfers received	0	0	0
Total admissions	102	78	180
Total under treatment during the year.....	573	517	1090
Discharged during the year:			
As recovered	13	2	15
As improved	28	38	66
As unimproved	18	10	28
As without psychosis	2	2	4
Transferred to other mental hospitals	6	0	6
Died	23	22	45
Total discharged, transferred and died	90	74	164
Total in hospital at end of year	482	452	934*
Total on parole at end of year	39	26	65
Total	521	478	999
Average daily population for the year.....	472.3	451.5	923.8*

*Exclusive of transfers at Ransom Mental Hospital.

As stated previously, there were 143 first admissions during the year. The total number discharged during the period was 113—of these, 81 were discharged as recovered or improved. The percentage discharged recovered or improved, on basis of average daily population, was 8.7%—on basis of first admissions, 56%. There were 45 deaths—the percentage of deaths, based on the average daily population, was 4.8%. Total admissions, including first admissions and readmissions, numbered 180—the proportion of readmissions to total admissions was 20%.

TABLE 2—Census of Population at End of Year.

	Actually in hospital			Absent but still on books		
	Males	Females	Total	Males	Females	Total
WHITE—						
Insane	442	391	833	35	22	57
Epileptics	0	10	10	1	1	2
Mental defectives ..	36	45	81	2	2	4
Alcoholics	1	0	1	1	0	1
Drug addicts	0	0	0	0	0	0
Neurosyphilitics (without psychosis)	0	0	0	0	0	0
All other cases.....	2	3	5	0	1	1
Total	481	449	930	39	26	65*
OTHER RACES—						
Insane	0	3	3	0	0	0
Epileptics	0	0	0	0	0	0
Mental defectives ..	1	0	1	0	0	0
Alcoholics	0	0	0	0	0	0
Drug addicts	0	0	0	0	0	0
Neurosyphilitics (without psychosis)	0	0	0	0	0	0
All other cases.....	0	0	0	0	0	0
Total	1	3	4	0	0	0
Grand Total.....	482	452	934	39	26	65*

	Males	Females	Total
Patients under treatment in occupational- therapy classes on date of report.....	66	80	146
Other patients employed in general work of hospital on date of report.....	222	188	410
Average daily population during year.....	472.3	451.5	923.8†
Voluntary patients admitted during year	1	1	2
Patients given advice or treatment in out- patient clinics during year	No clinics during year		

*In addition, there were 21 male patients, all white, on temporary transfer at the Ransom Mental Hospital.

†Exclusive of 21 male patients on temporary transfer at Ransom.

TABLE 3—Nativity of First Admissions and of Parents of First Admissions

NATIVITY	Patients			Parents of Male Patients			Parents of Fem. Patients		
	Males	Females	Total	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	54	54	108	16	23	16	21	23	18
Africa									
Asia									
Australia									
Austria	3	0	3	13	13	13	1	1	1
Belgium									
Canada	0	1	1				1	0	
Central America									
China									
Czechoslovakia	0	1	1				3	4	3
Cuba									
Denmark									
England	1	0	1	1	3	1	3	3	1
Europe									
Finland	1	0	1	1	1	1			
France									
Germany	2	2	4	5	3	3	5	4	4
Greece									
Holland									
Hungary									
India									
Ireland	1	0	1	6	4	4	3	4	3
Italy	1	2	3	1	1	1	2	2	2
Japan									
Jugoslavia									
Mexico									
Norway									
Philippine Islands									
Poland	1	2	3	4	3	3	8	7	7
Porto Rico									
Portugal									
Roumania				0	1				
Russia	12	0	12	23	19	19	1	0	
Scotland	1	0	1	1	1	1	1	1	1
South America									
Spain									
Sweden							1	1	1
Switzerland									
Turkey-Asia									
Turkey-Europe									
Wales	1	1	2	6	4	4	5	4	4
West Indies									
Unascertained				1	2	1	3	4	3
Other Countries	0	2	2				7	7	7
Total.....	78	65	143	78	78		65	65	

TABLE 4—Age of First Admissions Classified with Reference to Nativity and Length of Residence
in the United States of the Foreign Born

AGE GROUPS	Aggregate										NATIVE BORN									
	Total						Parentage						Unascertained							
	Native			Foreign			Mixed			Unascertained										
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Under 15 years.....	3	0	3	3	0	3	2	0	2	2	1	3	3	0	3	1	0	1		
15 — 19 years.....	5	0	5	5	6	11	5	5	10	10	6	16	2	1	3	3	---	---		
20 — 24 years.....	13	0	13	13	10	23	1	3	4	10	1	6	2	1	3	---	---	---		
25 — 29 years.....	7	0	7	7	2	9	1	0	1	5	1	6	1	1	2	---	---	---		
30 — 34 years.....	10	0	10	7	10	17	2	2	4	5	2	7	0	5	5	0	1	1		
35 — 39 years.....	6	1	7	3	5	8	0	2	2	2	2	4	1	1	2	---	---	---		
40 — 44 years.....	5	0	5	3	5	8	2	0	2	0	3	3	1	2	3	---	---	---		
45 — 49 years.....	12	2	14	4	5	9	2	0	2	2	4	6	0	1	1	---	---	---		
50 — 54 years.....	4	1	5	1	4	5	0	3	3	1	1	2	---	---	---	---	---			
55 — 59 years.....	1	0	1	1	3	4	1	1	2	0	1	1	0	1	1	---	---	---		
60 — 64 years.....	4	1	5	3	1	4	0	1	1	2	0	2	1	0	1	---	---	---		
65 — 69 years.....	1	2	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
70 years and over.....	7	4	11	4	3	7	4	0	4	0	3	3	---	---	---	---	---	---		
Unascertained.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Total.....	78	11	89	54	54	108	20	17	37	29	24	53	9	12	21	1	1	2		

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TABLE 4 (Continued)—Age of First Admissions Classified with Reference to Nativity and Length of Residence in the U. S. of the Foreign Born

AGE GROUPS	FOREIGN BORN																	Nativity Unascertained
	Time in United States Before Admission																	
	Total			Under 5 years			5—9 years			10—14 years			15 years and over			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Under 15 years...	0	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 — 19 years...	0	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20 — 24 years...	0	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25 — 29 years...	0	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 — 34 years...	3	0	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35 — 39 years...	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40 — 44 years...	2	0	2	...	...	...	1	0	1	...	...	...	...	...	...	...	...	...
45 — 49 years...	8	2	10	...	...	...	0	1	1	1	0	1	...	...	...	...	...	...
50 — 54 years...	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
55 — 59 years...	0	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
60 — 64 years...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
65 — 69 years...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
70 years & over...	3	4	7	...	...	...	...	...	...	0	1	1	...	...	...	...	...	...
Unascertained	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total.....	24	11	35	...	...	...	1	1	2	1	1	2	21	9	30	1	0	1

TABLE 5—Citizenship of First Admissions

	Men	Women	Total
Citizens by birth	54	54	108
Citizens by naturalization	14	5	19
Aliens	8	4	12
Citizenship unascertained	2	2	2
Total	<hr/> 78	<hr/> 65	<hr/> 143

TABLE 6—Psychoses of First Admissions

PSYCHOSES			Males	Females	Total	Males	Females	Total
1.	Traumatic psychoses					0	0	0
2.	Senile psychoses					7	9	16
3.	Psychoses with cerebral arteriosclerosis					1	0	1
4.	General paralysis					9	3	12
5.	Psychoses with cerebral syphilis					0	0	0
6.	Psychoses with Huntington's chorea					0	0	0
7.	Psychoses with brain tumor					0	0	0
8.	Psychoses with other brain or nervous diseases, total					0	0	0
	(a) Cerebral embolism							
	(b) Paralysis agitans							
	(c) Meningitis							
	(d) Multiple sclerosis							
	(e) Tabes dorsalis							
	(f) Acute chorea							
	(g) Other diseases							
9.	Alcoholic psychoses, total					7	0	7
	(a) Delirium tremens	5	0	5				
	(b) Korsakow's psychosis	0	0	0				
	(c) Acute hallucinosis	1	0	1				
	(d) Other types	1	0	1				
10.	Psychoses due to drugs and other exogenous toxins, total					0	0	0
	(a) Opium, cocaine, bromides, choral, etc.					0	0	0
	(b) Metals—lead, arsenic, etc							
	(c) Gases							
	(d) Other exogenous toxins							
11.	Psychoses with pellagra					0	0	0
12.	Psychoses with other Somatic diseases, total					0	1	1
	(a) Delirium with infectious diseases							
	(b) Post-infectious psychosis							
	(c) Exhaustion delirium							
	(d) Delirium of unknown origin							
	(e) Cardio-renal diseases							
	(f) Diseases of the ductless glands							
	(g) Other diseases	0	1	1				

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TABLE 6 (Continued)—Psychoses of First Admissions

PSYCHOSES			Males	Females	Total	Males	Females	Total
13.	Manic-depressive psychoses, total					12	19	31
	(a) Manic type		8	8	16			
	(b) Depressive type		4	8	12			
	(c) Other types		0	3	3			
14.	Involution melancholia					4	2	6
15.	Dementia praecox					25	15	40
16.	Paranoia and paranoid states					0	0	0
17.	Epileptic psychoses					4	2	6
18.	Psychoneuroses and neuroses, total					0	0	0
	(a) Hysterical type							
	(b) Psychasthenic type							
	(c) Neurasthenic type							
	(d) Other types							
19.	Psychoses with psychopathic personality					0	0	0
20.	Psychoses with mental deficiency					0	1	1
21.	Undiagnosed psychoses					3	1	4
22.	Without psychosis, total					6	12	18
	(a) Epilepsy without psychosis		0	3	3			
	(b) Alcoholism without psychosis		1	0	1			
	(c) Drug addiction without psychosis		0	1	1			
	(d) Psychopathic personality without psy- chosis		3	4	7			
	(f) Others		2	4	6			
Total						78	65	143

TABLE 7—Race of First Admissions Classified with Reference to Principal Psychoses

RACE	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholice			Other somatic diseases			Manic-depressive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	0	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0	1	1
English	1	2	3	1	0	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Finnish	1	0	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
German	1	6	7	0	1	1	1	0	1	---	---	---	---	---	---	---	---	---	0	4	4
Hebrew	4	0	4	---	---	---	---	---	---	1	0	1	---	---	---	---	---	---	1	0	1
Irish	6	5	11	1	2	3	---	---	---	---	---	---	1	0	1	---	---	---	0	3	3
Italian	1	2	3	0	2	2	---	---	---	---	---	---	---	---	---	---	---	---	1	0	1
Lithuanian	4	0	4	---	---	---	---	---	---	1	0	1	---	---	---	---	---	---	1	0	1
Lithuanian	0	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scandinavian	1	1	2	1	0	1	---	---	---	---	---	---	---	---	---	---	---	---	0	1	1
Scotch	35	19	54	0	1	1	---	---	---	3	0	3	5	0	5	0	1	1	7	5	12
Slavonic	0	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Syrian	4	4	8	0	2	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Welsh	19	22	41	4	0	4	---	---	---	4	3	7	1	0	1	---	---	---	2	5	7
Mixed	1	1	2	0	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Unascertained	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	78	65	143	7	9	16	1	0	1	9	3	12	7	0	7	0	1	1	12	19	31

(Continued on next page)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses

RACE	Involution melancholia			Dementia praecox			Epileptic psychosis			With mental deficiency			Undiagnosed psychosis			Without psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
English	---	---	---	---	1	1	---	---	---	---	---	---	---	---	---	0	1	1
Finnish	---	---	---	---	1	0	1	---	---	---	---	---	---	---	---	---	---	---
German	---	---	---	---	0	1	1	---	---	---	---	---	---	---	---	---	---	---
Hebrew	---	---	---	---	2	0	2	---	---	---	---	---	---	---	---	---	---	---
Irish	1	0	1	2	0	2	---	---	---	---	---	---	---	---	---	1	0	1
Italian	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lithuanian	---	---	---	---	2	0	2	---	---	---	---	---	---	---	---	---	---	---
Scandinavian	---	---	---	---	---	---	0	1	1	---	---	---	---	---	---	---	---	---
Scotch	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Slavonic	---	---	---	14	6	20	3	1	4	0	1	1	2	0	2	1	4	5
Syrian	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Welsh	2	1	3	1	0	1	---	---	---	---	---	---	---	---	---	1	1	2
Mixed	1	1	2	3	7	10	1	0	1	---	---	---	1	0	1	2	6	8
Unascertained	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	0	1
Total	4	2	6	25	15	40	4	2	6	0	1	1	3	1	4	6	12	18

TABLE 8—Age of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			Under 15 years			15 — 19 years			20 — 24 years			25 — 29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	7	9	16	—	—	—	—	—	—	—	—	—	—	—	—
With Cerebral Arteriosclerosis	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—
General Paralysis	9	3	12	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic	7	0	7	—	—	—	—	—	—	—	—	—	—	—	—
With Other Somatic Diseases	0	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive	12	19	31	—	—	—	—	—	—	1	2	3	4	0	4
Involution Melancholia	4	2	6	—	—	—	—	—	—	—	—	—	—	—	—
Dementia Praecox	25	15	40	—	—	—	4	2	6	11	5	16	3	1	4
Epileptic Psychoses	4	2	6	1	0	1	1	0	1	1	1	2	0	1	1
With Mental Deficiency	0	1	1	—	—	—	—	—	—	0	1	1	—	—	—
Undiagnosed Psychoses	3	1	4	—	—	—	—	—	—	—	—	—	—	—	—
Without Psychosis	6	12	18	2	0	2	0	4	4	0	1	1	—	—	—
Total	78	65	143	3	0	3	5	6	11	13	10	23	7	2	9

(Continued on next page)

TABLE 8—(Continued)—Age of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	30 — 34 years			35 — 39 years			40 — 44 years			45 — 49 years			50 — 54 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	—	—	—	—	—	—	—	—	—	—	—	—	0	1	1
With Cerebral Arteriosclerosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Paralysis	4	1	5	0	1	1	3	1	4	1	0	1	1	0	1
Alcoholic	3	0	3	—	—	—	2	0	2	2	0	2	—	—	—
With Other Somatic Diseases	0	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive	0	4	4	1	3	4	0	1	1	4	5	9	3	5	0
Involution Melancholia	—	—	—	—	—	—	—	—	—	1	0	1	1	1	1
Dementia Praecox	2	3	5	3	0	3	0	1	1	2	2	4	0	1	1
Epileptic Psychoses	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—
With Mental Deficiency	0	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed Psychoses	—	—	—	1	0	1	—	—	—	1	0	1	—	—	—
Without Psychosis	0	1	1	1	2	3	0	2	2	1	0	1	—	—	—
Total	10	10	20	6	6	12	5	5	10	12	7	19	4	5	9

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TABLE 8—(Continued)—Age of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	55 — 59 years			60 — 64 years			65 — 69 years			70 years and over			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	—	—	—	0	1	1	0	2	2	7	5	12	—	—	—
With Cerebral Arteriosclerosis	—	—	—	—	—	—	1	0	1	—	—	—	—	—	—
General Paralysis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With Other Somatic Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive	0	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Involution Melancholia	1	2	3	1	0	1	—	—	—	—	—	—	—	—	—
Dementia Praecox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic Psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With Mental Deficiency	—	—	—	1	0	1	—	—	—	—	0	1	—	—	—
Undiagnosed Psychoses	—	—	—	1	1	2	1	0	1	0	1	1	—	—	—
Without Psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1	3	4	3	2	5	2	2	4	7	7	14	—	—	—

TABLE 9—Degree of Education of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	Total			Illiterate			Reads and Writes			Common School			High School			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	7	9	16	1	0	1	2	1	3	4	3	7	---	---	---	---	---	---	0	5	5
With Cerebral Arteriosclerosis	1	0	1	---	---	---	---	---	---	1	0	1	---	---	---	---	---	---	---	---	---
General paralysis	9	3	12	1	0	1	2	0	2	3	3	6	3	0	3	---	---	---	---	---	---
Alcoholic	7	0	7	---	---	---	2	0	2	4	0	4	---	---	---	---	---	---	1	0	1
With Other Somatic Diseases	0	1	1	---	---	---	---	---	---	0	1	1	---	---	---	---	---	---	---	---	---
Manic-depressive	12	19	31	5	0	5	2	3	5	5	12	17	---	---	---	---	---	---	---	---	---
Involution Melancholia	4	2	6	1	0	1	0	1	1	3	0	3	0	1	1	0	1	1	0	3	3
Dementia Praecox	25	15	40	1	0	1	5	0	5	15	10	25	3	2	5	0	1	1	1	2	3
Epileptic Psychoses	4	2	6	2	0	2	1	1	2	1	1	2	---	---	---	---	---	---	---	---	---
With Mental Deficiency	0	1	1	0	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Undiagnosed psychoses	3	1	4	1	0	1	1	0	1	---	---	---	---	---	---	---	---	---	1	1	2
Without Psychosis	6	12	18	4	0	4	0	4	4	1	4	5	0	2	2	---	---	---	1	2	3
Total	78	65	143	16	1	17	15	10	25	37	54	71	6	5	11	0	2	2	4	13	17

TABLE 10.—Environment of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	Total			Urban			Rural			Unascertained		
	M. F. T.			M. F. T.			M. F. T.			M. F. T.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	7	9	16	7	9	16	...	...	...	...	...	...
With Cerebral Arteriosclerosis	1	0	1	1	0	1	...	...	...	...	...	...
General Paralysis	9	3	12	9	3	12	...	...	...	...	...	...
Alcoholic	7	0	7	7	0	7	...	...	...	...	...	...
With Other Somatic Diseases	0	1	1	0	1	1	...	...	...	...	...	...
Manic-depressive	12	19	31	12	19	31	...	...	...	...	...	...
Involution Melancholia	4	2	6	4	2	6	...	...	...	...	...	...
Dementia Praecox	25	15	40	25	15	40	...	...	...	...	...	...
Epileptic Psychoses	4	2	6	4	2	6	...	...	...	...	...	...
With Mental Deficiency	0	1	1	0	1	1	...	...	...	...	...	...
Undiagnosed Psychoses	3	1	4	3	1	4	...	...	...	...	...	...
Without Psychosis	6	12	18	6	12	18	...	...	...	...	...	...
Total	78	65	143	78	65	143	...	...	...	...	...	...

TABLE 11—Economic Condition of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained		
	M. F. T.			M. F. T.			M. F. T.			M. F. T.			M. F. T.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	7	9	16	1	3	4	6	4	10	0	2	2	---	---	---
With Cerebral Arteriosclerosis	1	0	1	---	---	---	---	---	---	1	0	1	---	---	---
General Paralysis	9	3	12	1	1	2	8	2	10	1	0	1	---	---	---
Alcoholic	7	0	7	---	---	---	7	0	7	---	---	---	---	---	---
With Other Somatic Diseases	0	1	1	---	---	---	---	---	---	---	---	---	0	1	1
Manic-depressive	12	19	31	3	2	5	8	8	16	1	9	10	---	---	---
Involution Melancholia	4	2	6	1	0	1	1	1	2	2	1	3	---	---	---
Dementia Praecox	25	15	40	9	6	15	16	4	20	0	5	5	---	---	---
Epileptic Psychoses	4	2	6	3	1	4	1	0	1	0	1	1	---	---	---
With Mental Deficiency	0	1	1	---	---	---	---	---	---	---	---	---	---	---	---
Undiagnosed Psychoses	3	1	4	---	---	---	3	0	3	0	1	1	---	---	---
Without Psychosis	6	12	18	3	4	7	3	1	4	0	7	7	---	---	---
Total	78	65	143	21	17	38	53	20	73	5	26	31	0	1	1

TABLE 12—Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	Total						Temperate						Intemperate						Unascertained					
	M.			F.			T.			M.			F.			T.			M.			F.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	7	9	16	7	8	15	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
With Cerebral Arteriosclerosis	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Paralysis	9	3	12	3	3	6	3	0	3	3	0	3	3	0	3	3	0	3	3	0	3	3	0	3
Alcoholic	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
With Other Somatic Diseases	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manic-depressive	12	19	31	4	17	21	2	2	4	2	2	4	5	0	5	1	0	1	1	0	1	0	1	1
Involution Melancholia	4	2	6	3	2	5	1	0	1	1	0	1	3	0	3	0	2	2	0	0	2	0	2	2
Dementia Praecox	25	15	40	18	12	30	4	1	5	4	1	5	3	0	3	0	2	2	0	0	2	0	2	2
Epileptic Psychoses	4	2	6	2	2	4	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
With Mental Deficiency	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undiagnosed Psychoses	3	1	4	0	0	0	0	0	0	0	0	0	3	0	3	0	0	1	0	0	1	0	1	1
Without Psychosis	6	12	18	4	11	15	1	0	1	4	1	0	1	1	0	1	1	0	0	1	0	1	1	1
Total	78	65	143	42	56	98	13	4	17	22	0	22	22	0	22	1	5	6	1	5	6	1	5	6

TABLE 14—Psychoses of Readmissions

PSYCHOSES	Males	Females	Total
Traumatic Psychoses	1	0	1
General Paralysis	1	0	1
Psychoses with Other Brain or Nervous Diseases	1	0	1
Alcoholic Psychoses	4	0	4
Manic-depressive Psychoses	5	7	12
Dementia Praecox	8	4	12
Epileptic Psychoses	1	1	2
Without Psychosis	3	1	4
Total	24	13	37

TABLE 15—Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge

PSYCHOSES	Total			Recovered			Improved			Un-improved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	1	3	4	—	—	—	0	3	3	1	0	1
With Cerebral Arteriosclerosis	1	0	1	—	—	—	—	—	—	1	0	1
General Paralysis	4	1	5	—	—	—	4	1	5	—	—	—
With Other Brain or Nervous Diseases	1	0	1	—	—	—	—	—	—	1	0	1
Alcoholic	9	3	12	9	2	11	0	1	1	—	—	—
With Other Somatic Diseases	0	3	3	—	—	—	0	3	3	—	—	—
Manic-depressive	11	14	25	1	0	1	9	12	21	1	2	3
Involution Melancholia	20	3	23	—	—	—	0	3	3	2	0	2
Dementia Praecox	2	10	12	1	0	1	12	9	21	7	1	8
Epileptic Psychoses	1	1	2	—	—	—	0	1	1	1	0	1
Undiagnosed Psychoses	2	4	6	—	—	—	2	2	4	0	2	2
Without Psychosis	9	10	19	—	—	—	—	—	—	—	—	—
Total	65	52	113	11	2	13	27	35	62	14	5	19

TABLE 16—Causes of Death of Patients Classified with Reference to Principal Psychoses.

CAUSES OF DEATH	Total			Senile			With Cerebral Arteriosclerosis			General Paralysis			Alcoholic			Manic-depressive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Epidemic, Endemic and Infectious Diseases:																		
Pulmonary tuberculosis	2	7	9													0	4	4
2. General Diseases not included in Class 1:																		
Cancer	1	2	3													0	1	1
Diabetes	0	1	1													0	1	1
Alcoholism	3	0	3										2	0	2			
3. Diseases of the Nervous System:																		
Cerebral Hemorrhage	1	0	1															
General Paralysis	2	0	2						2	0	2							
Epilepsy	2	0	2															
4. Diseases of the Circulatory System:																		
Myocarditis	1	5	6	0	1	1										1	2	3
Arteriosclerosis	11	4	15	7	3	10	1	0	1				1	0	1	2	0	2
5. Diseases of the Respiratory System:																		
Bronchopneumonia	0	1	1													0	1	1
6. Non-Veneral Diseases of Genito-urinary System:																		
Nephritis	0	2	2													0	1	1
Total	23	22	45	7	4	11	1	0	1	2	0	2	3	0	3	3	10	13

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TABLE 16—(Continued)—Causes of Death of Patients Classified with Reference to Principal Psychoses.

CAUSES OF DEATH	Involution Melancholia			Dementia Præcox			Epileptic Psychoses			With Mental Deficiency			All Other Psychoses*		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Epidemic, Endemic and Infectious Diseases:															
Pulmonary tuberculosis	---	---	---	0	2	2	---	---	---	1	0	1	1	1	2
2. General Diseases not included in Class 1:															
Cancer	---	---	---	1	1	2	---	---	---	---	---	---	---	---	---
Diabetes	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Alcoholism	---	---	---	---	---	---	---	---	---	---	---	---	1	0	1
3. Diseases of the Nervous System:															
Cerebral Hemorrhage	---	---	---	1	0	1	---	---	---	---	---	---	---	---	---
General Paralysis	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Epilepsy	---	---	---	---	---	---	1	0	1	---	---	---	---	0	1
4. Diseases of the Circulatory System:															
Myocarditis	---	---	---	---	---	---	---	---	---	---	---	---	---	0	0
Arteriosclerosis	---	---	---	0	1	1	---	---	---	---	---	---	0	0	0
5. Diseases of the Respiratory System:															
Bronchopneumonia	---	---	---	---	---	---	0	0	0	---	---	---	0	1	1
6. Non-Veneral Diseases of Genito-urinary System:															
Nephritis	0	1	1	---	---	---	---	---	---	---	---	---	---	---	---
Total	0	1	1	2	4	6	1	1	2	1	0	1	3	2	5

* Includes "Without Psychosis."

TABLE 17—Age of Patients at Time of Death Classified with Reference to Principal Psychoses.

PSYCHOSES	Total		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	1	0	1	—	—	—	1	0	1	—	—	—
Senile	7	4	11	—	—	—	—	—	—	—	—	—
With Cerebral Arteriosclerosis	1	0	1	—	—	—	—	—	—	—	—	—
Alcoholic	3	0	3	—	—	—	1	0	1	—	1	0
Manic-depressive	3	10	13	—	—	—	0	1	1	0	1	1
Involution Melancholia	0	1	1	—	—	—	—	—	—	—	—	—
Dementia Praecox	2	4	6	1	2	3	—	—	1	0	1	1
Epileptic Psychoses	1	1	2	—	—	—	—	—	—	—	—	—
With Mental Deficiency	1	0	1	—	1	0	1	—	—	—	—	—
Undiagnosed Psychoses	1	1	2	—	—	—	—	—	—	—	1	0
Without Psychosis	1	1	2	0	1	1	—	—	—	—	—	—
General Paralysis	2	0	2	—	—	—	—	—	—	—	—	—
Total	23	22	45	1	3	4	1	0	1	2	1	3
										1	1	2
										2	2	4

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TABLE 17—(Continued)—Age of Patients at Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	50 to 54 years			55 to 59 years			60 to 64 years			65 to 69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Senile	—	—	—	0	1	1	—	—	—	—	—	—	7	3	10
With Cerebral Arteriosclerosis	—	—	—	—	—	—	—	—	—	—	—	—	1	0	1
Alcoholic	—	—	—	—	—	—	—	—	—	—	—	—	1	0	1
Manic-depressive	0	1	1	0	3	3	0	1	1	2	2	4	1	1	0
Involution Melancholia	—	—	—	0	1	1	—	—	—	—	—	—	—	—	—
Dementia Praecox	0	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic Psychoses	—	—	—	1	0	1	—	—	—	—	—	—	0	1	1
With Mental Deficiency	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed Psychoses	—	—	—	—	—	—	—	—	—	—	—	—	0	1	1
Without Psychosis	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—
General Paralysis	2	0	2	—	—	—	—	—	—	—	—	—	—	—	—
Total	3	2	5	1	5	6	0	1	1	2	2	4	10	5	15

TABLE 18.—Total Duration of Hospital Life of Patients Dying, Classified According to Principal Psychoses.

PSYCHOSES	Total		Less than 1 month		1 — 3 months		4 — 7 months		8 — 12 months		1 — 2 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	1	0	1	—	—	—	—	—	—	—	—	—
Senile	7	4	11	2	0	2	—	—	—	—	—	—
With Cerebral Arteriosclerosis	1	0	1	—	—	—	—	—	—	—	—	—
General Paralysis	2	0	2	—	—	—	—	—	—	—	—	—
Alcoholic	3	0	3	1	0	1	—	—	—	—	—	—
Manic-depressive	3	10	13	—	—	—	—	—	—	—	—	—
Involution Melancholia	0	1	1	—	—	—	—	—	—	—	—	—
Dementia Praecox	2	4	6	—	—	—	—	—	—	—	—	—
Epileptic Psychoses	1	1	2	—	—	—	—	—	—	—	—	—
With Mental Deficiency	1	0	1	—	—	—	—	—	—	—	—	—
Undiagnosed Psychoses	1	1	2	0	1	1	—	—	—	—	—	—
Without Psychosis	1	1	2	—	—	—	—	—	—	—	—	—
Total	23	22	45	3	1	4	6	1	7	3	3	6
										0	4	4
										3	4	7

(Continued on next page)

Morbidity and Mortality

There were no epidemics and no unusual incidence of illness. The health of both patients and employees was very good. 45 patients died during the year—23 men and 22 women. Of those dying, 20 (or 45%) were 60 years old or over at the time of death. Disease of the heart and blood vessels was again the most frequent cause of death—21 of the deaths (or 46½%) resulted from this cause. Pulmonary tuberculosis was again the second most frequent cause of death—9 deaths, or 20%, were due to this cause. Among the deaths from tuberculosis were 4 cases of manic-depressive psychosis and 2 cases of dementia praecox. Of those dying, 17 (or 38%) died within 7 months after admission. There seems to be a distinct tendency to commit very old people and those in serious physical health to the hospital.

Accidents and Emergencies

There were no suicides or homicides during the year. The following were the principal casualties:

Fractures due to accidental falls:

Man—fracture of 9th left rib.

Woman—spiral fracture of femur and right ulna and radius.

Man—shaft of right femur.

Woman—right radius.

Other fractures:

Man—fracture of proximal phalanx of right index finger due to being struck by another patient.

Man—fracture of 4th left metacarpal bone caused by striking hand against the door.

Man—fracture of left tibia—pushed down by another patient.

Woman—fracture of neck of left femur—pushed down by another patient.

Woman—fracture of a right metacarpal bone—caught finger in door.

Woman—fracture of right ulna—struck by another patient.

Man—fracture of left 7th rib—struck by another patient.

Woman—fracture of left radius—fall in epileptic seizure.

Clinical Laboratory and X-Ray Department

The following work was done during the year:

Urinalyses, complete	802
Blood examinations:	
Erythrocyte counts	185
Leukocyte counts	185
Color indexes	185
Hemoglobin estimates	185
Differential counts	22
Wasserman tests	275
Meinicke tests	275
Spinal fluid examinations:	
Wasserman tests	70
Meinicke tests	70
Cell counts	70
Globulin tests	70
Colloidal gold tests	70
Sputum examinations	3
X-Ray work:	
Radiographs	282
Fluoroscopic examinations	65
Blood sugar determinations	23
Bacteriological smears	132
Infra-red light treatments	48
Orthotolidin tests of water	700
Moisture tests in butter	13
Coal analyses:	
Moisture	2
Sulphur	2
B. T. U.	2

Dentistry

The dentist spends 2 days each week at the hospital.
The following dental work was done during the year:

Extractions	950
Examinations	143
Dental treatments	251
Polishings	17
Cleanings	35
Fillings	79
Scalings	27
Plates adjusted	29
Plates repaired	15
Plates made	28
Amalgam restorations	79
Impressions	50
Bite registrations	20
Check bites	3
Try-ins	29
Socket curetments	2
Cavity preparations	2
Abscesses incised	4
Sutures removed	2
Bridges removed	3
X-Ray plates	21

Annual Report of Occupational Therapy Department

Helen Lynch Judge	Chief Occupational Therapist
Vera Stackhouse	Assistant Occupational Therapist
Helen Nagorski	} Occupational Therapy Aides
Belle Golinski	
Martin Liput	
Doyle Downing	
Frances Bwyskal	Sewing-room Supervisor

During the year 1934 the Occupational Therapy Department functioned in the routine manner. Those employed in the department endeavored to aid, as much as possible, those entrusted to their supervision. Whether the aid administered has been special instructions in crafts, recreation or assisting the patient to carry out some original idea, mental rehabilitation has been the constant aim.

The average daily enrollment in the department is as follows: male 73, female 83, total 156. The personnel of the classes is constantly changing due to the enrolling of new members and the discharging of those who have sufficiently improved to be paroled from the Hospital, or to be transferred to industrial work about the institution.

Twenty-six patients were paroled home from the department during the year. A large number of those paroled home from industrial work received their initial start on "the road to recovery" from the department.

One of the frequent and gratifying occurrences in the department is: when a patient, who is discharged and is eager to return home, pauses long enough to visit the Occupational Therapy Department and expresses, to those in charge, his thanks for the aid given him in his search for mental health.

It is interesting to note the change that occurs in practically all patients assigned to the Occupational Therapy classes. Patients who enter despondent, untidy, noisy or irritable and unwilling to work very often develop after a few weeks into thrifty, tidy, pleasant individuals who welcome new occupations with keen interest. In all of the classes there are a number of deteriorated, older patients (many who have had a long hospitalization period) that will not respond to treatment. Patients such as these

are, after a long term in class, either returned to the ward or if possible, taught some very simple occupations that seem eventually to become mechanical. The occupation may be very simple and the work accomplished practically useless, yet if it stimulates the patient's interest to the extent of his or her mental capacity, then the work of the Occupational Therapist has not been in vain.

The Annual Christmas Exhibit and Sale was held in the Occupational Therapy Display Room, Thursday, November 22. It is estimated that three hundred guests and employees visited the display. Tea was served from 3 to 5 P. M. in the studio.

The Annual Exhibit and Sale at the Wyoming Valley Women's Club was held December 4. Due to the inclemency of the weather the sale was not well attended and the proceeds were small. Regardless of the financial consideration, this exhibit is worth while as it familiarizes persons active in social welfare with Occupational Therapy. The club members are interested in the display from the therapeutic standpoint rather than the value of the article displayed.

The total receipts for the sales for the year amounted to \$834.42. This is an increase of \$160.58 over last year's receipts.

Articles turned over to the Hospital storeroom for use in the institution had an estimated value of \$721.15.

In addition to the articles sold and those turned over to the storeroom, 181 window shades and 36 mattresses were made—3 floor brushes, 21 chairs, 150 cue sticks, 2 mirrors, 61 window shades and 1214 shoes were repaired.

The following articles were made by the patients employed in the sewing room:

254 Aprons (muslin)	528 Gowns (night)
108 Aprons (ticking)	12 Glove Cases
72 Bed Shields	9 Laundry Bags
408 Bed Jackets	951 Men's Shirts
1638 Bloomers (muslin)	927 Men's Drawers
204 Bloomers (ticking)	63 Mattress Covers
18 Brassieres	1108 Pillow Cases
15 Combinations	26 Pillow Tubing
486 Coveralls	335 Pads (large)
81 Coffee Bags	60 Pads (small)
6 Curtains (screen)	6 Pr. Pajamas
125 Curtains (window)	4200 Pieces Mended
18 Curtains (transom)	1440 Sheets (unbleached)

5	Clown Suits	365	Sheets (bleached)
192	Compresses	26	Shrouds
8	Cushions	1399	Slips (muslin)
4	Drapes (prs.)	155	Slips (ticking)
28	Gown (Operating room)	12	Stockings (flannel)
60	Gowns (bid)	61	Tea Bags
9	Table Cloths	615	Towels (hand)
1	Table Pad	559	Towels (roller)
24	Trousers H. Stripe	619	Towels (bath)
18	Valances	3	Tub Covers
12	Uniforms	192	Wash Cloths

National Hospital Day

On National Hospital Day, May 12, the public was invited to visit Retreat. The Hospital was open for inspection from 10 a. m. to 5 p. m. In the afternoon two performances of Gilbert and Sullivan's Operetta, "H. M. S. Pinafore" were presented in the Hospital Auditorium, the audiences totalling more than 1600 persons.

The program was sponsored entirely by the Occupational Therapy Department and much time was given to the training of the cast which was made up of patients and employees. The planning and making of costumes and programs was also undertaken by the department. A word of appreciation is due the maintenance department for its assistance in arranging the stage setting and lighting. The performance was the most difficult of any ever undertaken at the hospital and it was most successful.

Parties, Egg Hunt, Picnics

On St. Valentine's Day and Hallowe'en Eve the annual masquerade parties were held in the auditorium. Approximately 500 patients attended these functions. The egg hunt held on the Hospital lawn Easter Sunday was a joyous occasion and a large number of patients participated.

The Decoration Day, July 4th, and Labor Day picnics were held on the hospital lawn. All patients in the institution are included in these picnics. The special feature on these days is a basket supper. Many patients take part in races and games, while others prefer to sit on the hillside and witness a ball game played by Retreat versus a visiting team.

The usual Occupational Therapy picnic was dispensed with this year and instead a Polish supper was given for this group. The supper was served in the Occupational Therapy display room and 165 attended.

In July a supper party was held in the display room for all patients and employees who assisted in any way with the production of "H. M. S. Pinafore." Sixty people were present.

Christmas Program

On Christmas eve an operetta, "The Christmas Bazaar," was presented by a cast of fifty consisting of patients, employees and employees' children. The evening's entertainment was brought to a close by the distribution of candy and oranges to all present.

Annual Report of the Department of Music

Keziah Holloway, Director

The Music Department has continued, throughout the year, to contribute toward the therapeutic program practiced at the hospital. Various activities have been conducted, namely; ward singing, rhythm orchestra training, choir rehearsals, and private instructions.

Singing is held on all wards. The disturbed wards are visited more frequently by the Director of Music than the wards where patients are mentally able to engage in other forms of entertainment and occupation. These periods are not always spent in group singing. Occasionally the patients are invited to sing a solo, recite or play a selection on the piano. Very often during these periods, musical games are played and dancing is permitted.

Community singing is conducted once a week in the auditorium for a one-half hour period preceding the motion picture show. Song slides are made and projected on the screen. National, folk, war and popular songs are included in the repertoire of this program.

Two rhythm orchestras have been organized for the younger group of men and women patients. These groups are taught to play instruments such as drums, bells, triangles, etc. They are instructed in how to read picture score music and as they progress they learn to read notes. Rhythm orchestra members profit by this training to the extent that music appreciation is instilled, a coherent train of thought encouraged and teamwork developed.

A half-hour rehearsal is held each week for both the Catholic and Protestant choirs. Catholic choir consists of employees while the Protestant choir includes both employees and patients. Both choirs sing in their respective services and special music is prepared for Christmas, Easter and Mother's Day.

Occasionally a young patient is admitted to the institution who, because of his incorrigible manner and restlessness, cannot be included in the Occupational Therapy classes. A patient of this type is disturbing to a group of adult patients. It is deemed wise, when possible, to segregate such patients and give them individual attention.

The Music Director has devoted much time to this group. The overactive ones are taken outside for strenuous exercise, such as: hiking, running, playing ball, etc. Others are instructed in school work and in simple handicrafts.

Private lessons in piano and voice are given to patients who seem to display an interest in either accomplishment.

Music Time Schedule—1934

735	periods—Ward singing groups.....	10 to 50	patients
53	periods—Community singing—		
	900 including hospital and home patients		
	and employees		
86	periods—Choir rehearsals—		
	30 including patients and employees		
140	periods—Private piano lessons	5	patients
21	periods—O. T. singing group	70	patients
52	periods—Rhythm orchestra	25	patients
38	periods—Christmas rehearsal instruction		
541	periods Individual instructions	4	patients
33	periods—Dancing instructions for Christmas play		
12	days O. T. room, assisting with patients' picnic supper, Hallowe'en and Valentine parties, etc.		

The Alcoholic Psychoses

Statistics covering the admissions rate of alcoholic psychoses among first admissions are of general interest. From the establishment of the mental hospital in 1900 to 1921, the average annual rate of alcoholic psychoses among first admissions was 12%. From 1921 to 1934 inclusive, the number of patients showing alcoholic psychoses admitted annually and the percentage of first admissions showing such psychoses were as follows:

Year	Number of Alcoholics Admitted	Percentage of First Admissions
1921	15	8
1922	14	9
1923	19	14½
1924	26	19
1925	17	13
1926	13	11
1927	18	11½
1928	27	17½
1929	19	11
1930	29	17½
1931	21	13½
1932	16	9
1933	14	8
1934	7	5

It is to be noted that in 1934 we admitted the smallest number of alcoholics and also the lowest percentage among first admissions for any year since the institution was established.

Recreation, Diversion, Religious Services, Etc.

The activities under this heading may be summarized as follows:

Moving picture shows	89
Community sings	59
Department picnics	3
Baseball games	31
Fireworks displays	1
Catholic religious services	57
Protestant religious services	42

Special events and entertainments were as follows:

Minstrel show on February 9th by the Knights of Columbus of Wilkes-Barre.

St. Valentine's party on February 14th under the direction of the Occupational Therapy Department.

Annual Easter Egg Hunt on April 1st.

Minstrel Show on April 5th by the Men's Club of the Methodist Church of West Nanticoke.

National Hospital Day celebration on May 12th. The hospital was open to the public and there were about 2000 visitors. The operetta "H. M. S. Pinafore" was put on by a cast of patients and employees.

Decoration Day picnic on May 30th. Supper was served on the lawn to 800 patients.

Picnic and 4th of July celebration on July 4th, with display of fireworks in the evening.

Labor Day picnic on September 3rd.

Concert by MacLuskie's Band of Wilkes-Barre on September 9th. This was thoroughly enjoyed both by patients and employees.

Annual Hallowe'en party on October 25th, put on in the auditorium under the direction of the Occupational Therapy Department. Entertainment consisted of a masquerade and dance followed by lunch. 400 patients attended, 200 of whom were in costume. Prizes were awarded for the best costumes.

The Kiwanis Club of Nanticoke entertained on the evening of November 7th. After the dinner the club provided entertainment for the patients followed by a dance for the employees. This has ben an annual affair and is appreciated by all.

On December 9th the Kathleen L. Sweeney School of Dancing gave an entertainment in the auditorium for the patients. The program consisted of singing numbers and dancing acts by children ranging in age from 2 to 16 years. This was an excellent entertainment and was thoroughly enjoyed.

On the evening of December 24th the annual Christmas play, an operetta entitled "The Christmas Bazaar," was put on in the auditorium under the direction of the Occupational Therapy Department. The cast of 60 persons was made up of patients, employees and employees' children.

Annual Report of Psychiatric Social Work

The plan of psychiatric social work has been continued as in former years. The worker obtains a complete history for each new patient admitted—this is done usually by visiting the home of the patient. This social history is made a part of the patient's record. Follow-up work is carried out during the 6 months' parole period in the case of each patient released—periodic visits are made to the home of the patient with a view to ascertaining conditions and to rendering any assistance needed to help in the complete readjustment of the patient to the home environment. Reports of each visit are forwarded to the hospital and made a part of the patient's history.

The following summary shows the nature and extent of the work done during 1934:

Visits to paroled patients	164
Home interviews with relatives and friends, visits to schools, employers, family physicians, clinics, etc.	263
Office interviews	204
Letters written	301
Special visits	297

Ferry Operation

Ferry operation continues to be unsatisfactory. The record of ferry operation for the year follows:

Trips made	23,513
Cars transported	36,159
Passengers transported	89,286
Teams transported	1,465
Trucks transported	4,427
Freight, tons	16,486

The ferry was idle a total of 59 days during the year—this was due to high water, wind, floating ice or repairs. The days of idleness by months occurred as follows:

January	25 days
February	17 days
March	7 days
April	5 days
December	5 days

Power Plant Report for 1934**Coal Consumption**

	Daily Average	Total	Evaporation
January	37.48 tons	1162.00 tons	6.32 lbs.
February	40.00 tons	1120.00 tons	6.46 lbs.
March	30.16 tons	935.00 tons	6.80 lbs.
April	26.72 tons	802.00 tons	6.46 lbs.
May	15.74 tons	490.00 tons	6.88 lbs.
June	13.84 tons	415.00 tons	6.84 lbs.
July	12.74 tons	395.00 tons	6.98 lbs.
August	13.98 tons	433.00 tons	6.84 lbs.
September	18.42 tons	552.00 tons	6.86 lbs.
October	25.71 tons	797.00 tons	6.78 lbs.
November	32.62 tons	978.00 tons	6.54 lbs.
December	37.84 tons	1201.00 tons	6.39 lbs.
Total	25.45 tons	9480.00 tons	6.70 lbs.

Direct Current Generated

	Daily Average	Total
January	2747 K. W. H.	85148 K. W. H.
February	2768 K. W. H.	77518 K. W. H.
March	2672 K. W. H.	82852 K. W. H.
April	2363 K. W. H.	70913 K. W. H.
May	2123 K. W. H.	65812 K. W. H.
June	2152 K. W. H.	64574 K. W. H.
July	1922 K. W. H.	59761 K. W. H.
August	2217 K. W. H.	68738 K. W. H.
September	2322 K. W. H.	69667 K. W. H.
October	2331 K. W. H.	72273 K. W. H.
November	2600 K. W. H.	78000 K. W. H.
December	2933 K. W. H.	90923 K. W. H.
Total	2430 K. W. H.	886180 K. W. H.

Largest amount of coal burned in one day—50.5 tons—
January 31st.

Smallest amount of coal burned in one day—11.1 tons—
August 7th.

Largest amount of current generated in one day—3141
K. W. H.—December 12th.

Smallest amount of current generated in one day—1105
K. W. H.—September 1st.

Alternating Current Purchased for 1934

	K. W. H. Energy	Demand	Net Bill	Cost per K. W. H.
January	30900	117	\$569.60	\$0.0196
February	27700	122	540.42	0.019
March	30300	122	568.57	0.0188
April	26400	115	578.76	0.022
May	26500	128	536.08	0.02
June	26500	106	510.09	0.019
July	26100	113	513.34	0.019
August	25700	122	518.76	0.0201
September	25600	129	525.25	0.02
October	29600	137	577.24	0.019
November	27200	127	540.42	0.02
December	28700	132	562.08	0.019
Total	331400		\$6540.61	\$0.0197

The current used in the Service Building is purchased from the Luzerne County Gas & Electric Company. This includes current used in cooking and baking and also that used for lightning of this particular building. The current for all the other buildings of the Mental Hospital and Home is generated in the institution power plant. As shown above, the net cost for purchased power was approximately 2 cents per K. W. H.

BAKE SHOP REPORT FOR 1934

	Pounds Flour Baked		Current Used	Flour Current Cost	K. W. H. cost per pound of flour
	Home	Hospital			
January	9875	15170	10520 K. W. H.	\$ 206.19	\$0.008
February	8590	14024	9240 K. W. H.	175.76	0.0077
March	9010	14260	9980 K. W. H.	187.62	0.008
April	8850	13910	9750 K. W. H.	214.50	0.0094
May	8760	14800	9875 K. W. H.	197.50	0.0084
June	8000	13750	9420 K. W. H.	178.98	0.0082
July	8470	14905	9680 K. W. H.	183.92	0.0079
August	9285	15630	9870 K. W. H.	197.40	0.008
September	8735	13383	9750 K. W. H.	195.00	0.008
October	9359	14550	9900 K. W. H.	188.10	0.008
November	8800	14865	10100 K. W. H.	202.00	0.0085
December	8590	15205	10120 K. W. H.	192.28	0.0088
Total	106360	174452	118205 K. W. H.	\$2319.25	\$0.0082 average
Home					
				106,360 lbs.	
Mental Hospital					
				174,452 lbs.	
Total flour for both institutions					
				280,812 lbs.	

Civil Works Administration Projects

On December 22, 1933, the several projects listed below were started under the Federal Civil Works Administration. The plan provided work for approximately 300 men for a period of 40 days. The agreement was that the Government would pay for the materials and wages while the institution would pay for the transportation of the men employed to and from the hospital. The Government stopped work on March 1st, at which time only a portion of the several projects was completed. The unfinished work had to be completed by the institution at its own expense or else abandoned. The various buildings are designated by letters as given on the map of buildings and grounds prepared by the architect. The status of the several projects at the end of the year is indicated below:

1. Roof repairs of buildings L, Y, C. C., V. V., C, B, A, D, E, W. W., N, P and R—this project was completed.
2. Pointing of brick work on buildings C, CC, B, D, E, EE, OO, Q, N, and O. The only work done was on building EE—the rest of this project was abandoned.
3. Stucco work on buildings XX, F, G and H was completed.
4. The following items of this project were completed:
 - Installation of hot water line from power plant extending as far as ward 13.
 - New roofs on buildings XX, I, W, G and H.
 - Electrical work on buildings CC, XV, C, H, D, S, WW, EE, H, and IX, including pole line from power plant to ferry.
 - Flooring and partitions in buildings D, B, C and E with flooring of ferry.
 - Painting of wards in Mental Hospital and Home in buildings CC, C, B, D, E, EE, OO, Q, N and O.The last item in this project was the construction of the tunnel from the main serving room to the women's building at the Home. This was about 30% completed by the C. W. A. workers. It was finished during the year with institution labor.
5. Riprapping of the west bank of the Susquehanna River at the ferry landing was completed.

6. Construction of hard surfaced road extending from the power plant along the front of the buildings to the dormitory for women employees was about 50% completed by C. W. A. This is a water bound macadam road with napped filled stone base, width 16 feet with 2 feet shoulders. This road was finished during the year with institution labor.

Construction of storm drain along the side of the mountain back of the buildings to protect the road grading and buildings from storm water was 60% completed and will have to be finished with institution labor.

Repairs, Improvements and Construction During 1934

The construction of porches for wards 14, 16 and the two receiving wards with additions to wards 13 and 15 for tuberculosis wards was started in June and finished at the end of the year.

Complete electrical re-wiring of the Mental Hospital and the Home as ordered by the State Department of Labor and Industry, was begun in August and completed at the end of the year. This was a contract job and the cost was approximately \$18,000.00.

Re-roofing of wards 14 and 16 was done during the summer.

The 6 C. W. A. projects previously mentioned in this report were carried through as described.

8 Monel metal sinks were installed in the dining rooms of the following wards: 1, 7, 13, 15, the two receiving wards and the two large dining rooms of the hydro buildings.

Electric refrigerators were installed in the dining rooms of ward 13 and the two receiving wards.

350 metal chairs and 24 linoleum top tables were purchased for use in the dining rooms.

Metal furniture, beds, bedding and equipment were purchased for the new dormitory for men employees in the old laundry building and in the new dormitory for women employees in the old refectory building.

High tanks were installed on the 16 faulty toilets in the Service Building.

Wards 6 and 12 were re-modeled for the use of patients—bars were fitted on the windows—beds, bedding and lockers were purchased. This space was formerly occupied by employees but has now been converted into wards to house 50 additional patients.

The hard surfaced road in front of the buildings, construction of which was started in December, 1933, as a C. W. A. project, was completed during the year by hospital labor.

New outside cellar doors were provided for the apartments for married employees at the 10-house block.

The employees' cottages at the West end of the grounds were replastered and repainted.

A concrete retaining wall along the institution side of the roadway in front of the buildings was constructed.

Ward 1 dining room was re-modeled to provide better light and ventilation.

A new pole line for lighting, extending from the power plant to the ferry, was put up.

Poles and overhead wires at the Pennsylvania Railroad crossing were eliminated—the wires were placed underground.

Conduit was installed for carrying the telephone wires underground.

The larger items of painting were done as follows:

Interior of women employees' dormitory in the old refectory.

Interior of men employees' dormitory in the old laundry building.

Fire towers of wards 5, 6, 11 and 12.

Parts of ward 6.

Ward 16.

3 apartments in the 10-house block.

4 detached cottages occupied by employees.

6 cottages at west end of grounds, occupied by employees.

Physician's apartment on second floor of administration building.

Floor of ward 14.

Ferry towers and ferry boat.

Engine room at power plant.

Acknowledgments

I appreciate the continued co-operation, support and wise counsel of the several directors in the administration of the affairs of the institution.

I desire also to express my appreciation to the officers and employees of the hospital as well as to the two chaplains and the members of the consulting staff for their loyalty, zeal and faithfulness in the performance of their duties.

I also gladly acknowledge my debt of gratitude to the State Bureau of Mental Health and the Department of Welfare for assistance given through their several agencies during the year.

Respectfully submitted,

GEORGE T. BASKETT, M. D.,

Superintendent.

CENTRAL POOR DISTRICT OF LUZERNE COUNTY,
PENNSYLVANIA

ANNUAL REPORT

OF THE

Home and Hospital for Chronic Diseases

AT

RETREAT, PENNSYLVANIA

For the Fiscal Year Ending December 31, 1934

ANNUAL REPORT OF THE HOME AND HOSPITAL FOR CHRONIC DISEASES

STAFF OFFICERS

George T. Baskett, A.B., M.D.	Acting Superintendent
Carl H. Kivler, M.D.	Resident Physician
Leo Gallagher	Clerk
Catherine Graham	Stenographer
Elsie E. Lee, R.N.	} Nurses
Gertrude Sheridan, R.N.	
Frances Chicklinski, R.N.	
Rev. Leo V. Gilroy	Catholic Chaplain
Rev. William Gendall	Protestant Chaplain

The Annual Report for the fiscal year ending December 31, 1934, is herewith submitted:

FINANCIAL STATEMENT

Home and Farm Combined

Expenditures for maintenance of Home:

Salaries and wages	\$ 30,447.95
Food	36,981.42
Fuel, light, heat and cold storage	10,688.05
Power purchased	2,604.47
Clothing, shoes and drygoods	9,604.96
Furniture and bedding	4,587.67
Supplies (tobacco, matches, soaps, oils, crockery, tinware, brooms, disinfectants, toilet paper, hardware, etc.)	6,668.51
Drugs, medicines and medical supplies	4,426.66
Repairs ordinary—ferry, buildings, grounds, etc.	3,553.93
Repairs, special—re-wiring job as ordered by the State Department of Labor and Industry	9,467.87
Miscellaneous (insurance, stationery, telephone, amusements, freight, express, carfare, religious services, etc.)	4,700.37

Total Home maintenance\$123,731.86

Total Farm maintenance 38,329.48

Total maintenance Home and Farm combined\$162,061.34

Produce supplied by Farm

to the institutions\$33,282.10

Credit for 60% of above chargeable

to the Mental Hospital\$19,969.26

Credit for Home cash receipts 2,371.72

Credit for Farm cash receipts 1,410.53 23,751.51

Net maintenance Home and Farm combined\$138,309.83

The average daily population for 1934 was 605.2 as compared with 645.8 for the previous year. The total net expenditures for maintenance for the Home and Farm combined were \$138,309.83. The annual per capita cost for maintenance was \$228.53 while the weekly per capita cost was \$4.39.

General expenditures of the Home:

C. W. A. projects:

Tunnel from men's to women's building	\$ 97.29
Road construction	489.02
Materials and tools for C. W. A. projects	358.29
Services of construction inspector	34.00
Architect's fees	250.00
New furnishings	503.87
Hospital furnishings	530.00
Equipment of serving pantry of women's building	701.00
New cemetery on West side	17.45
New lighting line to ferry	13.28
Equipment of diet kitchen in men's building	453.05
Terrazzo floor in men's building	600.00
TOTAL	\$4,047.25

General expenditures of the Farm:

Concrete feeding floors for hogs	\$ 41.59
Additions to employee's cottage	62.98
New water line to refectory	207.30

TOTAL.....\$ 311.87

Total General expenditures for Home and Farm combined....\$4,359.12

(Under "General" are included expenditures for all purposes other than maintenance, including new buildings, new equipment, additions and permanent betterments.)

An itemized tabulation of all expenditures for maintenance for the Home and for the Farm will be found elsewhere in this report.

RECEIPTS FOR 1934

The total receipts for the year were as follows:

Rents paid	\$ 540.00
Sale of merchandise and groceries.....	1,035.93
Occupational Therapy sales	37.75
Telephone tolls collected	38.30
Miscellaneous sales, rebates, etc	719.74

TOTAL.....\$2,371.72

In addition, the sum of \$2035.92 was received from paying patients for care and maintenance.

Report of Occupational Therapy Department

In our 1933 Annual Report we stated that one of the objectives for 1934 was the development of an occupational therapy department. That much progress has been made is evident from the report of the department which follows:

In January, 1934, the occupational therapy activities and the sewing room at the Home were placed under the supervision of the director of occupational therapy of the Mental Hospital. A class of men patients was organized; a working schedule was provided; and some additional equipment was purchased. The class maintains an enrollment of approximately 25 patients—the men are employed in weaving carpets, preparing rags for rugs, doing some plain sewing and making mattresses and pillows; also, in mending clothing and shoes. This group mended 9148 articles of clothing and repaired 364 shoes. They made the following: 464 yards of carpet, 77 mattresses, 134 pillows, 209 dish rags and 1196 towels. The total receipts from sales for the year amounted to \$37.75.

In the sewing room the following articles were made during the year:

1694 Bed Sheets	24 Shrouds
1936 Pillow Cases	2 Corset Covers
47 Pillow Ticking	6 Binders
42 Mattress Ticking	6 Hair Cloths
261 Overalls	98 Coffee Bags
178 Jackets	2 Lard Bags
87 Night Shirts	225 Turkish Towels
1183 Undershirts	800 Hand Towels
623 Top Shirts	12 Wash Cloths
116 Night Gowns	3 Pairs Bed Stockings
60 Slips	48 Hot Water Bottle Covers
113 Dresses	50 Small Aprons
6 Canvas Dresses	33 Gingham Aprons
3 Coveralls	12 Ticking Aprons
	12 Chest Protectors

The director of occupational therapy has given as much time as possible to the organizing and supervising of the Home classes and sewing room. One assistant has devoted one hour each day to the men's class. After careful observation it is evident that there is great need for the extension of the occupational therapy activities at the Home and it is hoped that it may be possible to add an occupational therapist to devote her full time to the instruction of the Home patients.

Medical Work

Other objectives that we planned for 1934 included expansion of the medical and nursing work, installation of a modern system of histories and clinical records, complete physical examinations and all indicated laboratory tests and determinations. In all of these phases of medical work we have made remarkable progress. The following tabulation will indicate the scope and nature of the work accomplished during the year:

Wasserman tests of blood	598
Meinicke tests of blood	75
Blood sugar and urea nitrogen determinations..	26
Spinal fluid examinations	28
Urinalyses	472
Sputum examinations	138
Blood counts, complete	13
X-ray plates	59
Physical examinations	457
Heliotherapeutic treatments	1084
Prescriptions filled	1383
Autogenous vaccines administered	9
Injections of neo-salvarsan	404
Injections of bismuth	425
Injections of bismarsen	76
Injections of tryparsamide	31
Injections of mercury	100
Injections of acetarsone	8
Injections of sodium thiosulphate	34
Injections of sulpharsphenamine	3
Intravenous injections of streptococcus vaccine	51
Intravenous injections of magnesium sulphate	75
Intravenous injections of mercurochrome and glucose	64
Injections of milk	64
Sebaceous cysts removed from scalp	3
Lipoma removed from shoulder	1
Ingrown toenails removed	6

Anthraco-Silicosis Survey

In May a group of surgeons of the U. S. Public Health Service, with the help of the Resident Physician, made a survey of the extent of anthraco-silicosis in the patients of the Home. This was a part of a State survey which the Governor of the Commonwealth had requested the

Public Health Service to make with a view to getting accurate information to determine whether miners' asthma should be added to the list of causes for which workmen's compensation should be paid. The investigation at the Home showed that about 37 per cent of the male patients above age 40 has miners' asthma—about half of these men with miners' asthma is able to perform routine duties about the institution while the other half is completely disabled. About 70 per cent of the male patients above age 40 had worked in anthracite for more than 5 years, 66 per cent had been engaged in such work for more than 10 years and 43 per cent had been engaged in hard-coal mining for more than 25 years. About one-half of the patients who had mined hard-coal for more than 10 years has miners' asthma.

The age distribution of these pneumoconiotics shows that about 32 per cent is less than 60 years of age and that 70 per cent has not yet reached age 70.

In the group of 187 pneumoconiotics, 10 were excluded from the study because they had tubercle bacilli in the sputum. 38 of the remaining 177 were hospitalized and the sputum of 4 of these 38 contained tubercle bacilli. If the group of 38 men may be regarded as representative, the percentage of pneumoconiotic patients not hither known to have pulmonary tuberculosis may be considered as 10.5. To this should be added the percentage known to have tuberculosis which was 10 out of 187 or 5.3%. Adding the 2 percentages, it may be estimated that about 15.8% of the pneumoconiotics in the institution has pulmonary tuberculosis. In a representative industrial group (employed persons) studies have shown that from 2 to 3 per cent of the men above age 40 has pulmonary tuberculosis.

Following the State survey Secretary of Labor Carr declared that miners' asthma should be added to the list of causes for which workmen's compensation should be paid. Miss Carr reports that in the State survey 2711 men were studied with findings as follows:

23 per cent of men employed was found to be suffering from miners' asthma which produces shortness of breath, cough and pain in the chest, and in advanced stages, impairment of the heart, loss of weight and increased susceptibility to pulmonary infection such as tuberculosis. Pulmonary infection was found among 58%.

of the men having early miners' asthma and among 92% of those in the more advanced stages of the disease. Although the prevalence of pulmonary tuberculosis among miners under 35 years of age was slightly less than the national average for the male population, tuberculosis was found to be considerably more frequent among miners more than 35 years of age. It was found to be twice as frequent in the age group from 35 to 44, five times as frequent from 45 to 54 and ten times as frequent over 55.

The highest prevalence of clinical tuberculosis was found among rock workers, 37% of whom, after 20 years of service, showed evidence of the disease.

Mortality from respiratory disease was found to be much greater among anthracite workers than in the general adult male population of the country.

The severity of the asthma was found to depend largely upon the density of silica dust to which miners are subjected. A group of employees subjected to dust exposure of less than 5 million particles per cubic foot showed no trace of the disease while in a group of rock workers where the dust exposure was 300 million particles per cubic foot the disease appeared in 92% of cases.

The report found the most dangerous occupations from the asthma standpoint were rock working operations, chamber and pitch mining, chute loading, jack-hammer drilling and slate picking at dry breakers. The report set the maximum safe limit of dust exposure at 50 million particles per cubic foot with lower limits of 10 to 15 million particles in gangways and 5 to 10 million particles for rock workers.

I have reported the results of this investigation in some detail because of its very great importance both from medical and actuarial standpoints.

Population

For the second consecutive year there has been a loss of population. On January 1, 1934, the population was 668—568 men, 99 women and 1 child. At the close of the year the population was 571—490 men, 80 women and 1 child. The net loss in population for the year was 97. During the year there were 307 admissions—285 men and 22 women. The total number on the books was

975—853 men, 121 women and 1 child. 252 patients were discharged during the year (233 men and 19 women), 71 escaped (65 men and 6 women) and 81 died (65 men and 16 women). The total loss of population was 404—363 men and 41 women.

The average daily population was 605.2 as compared with 645.8 for 1933.

Of the 307 admissions, 51 (or 16.6 %) were in impaired physical health due to occupational disease or to industrial accidents.

New Construction, Additions and Improvements

The following were the principal items completed or well under way:

Tunnel from men's serving room to women's building for food distribution purposes.

Equipment for diet kitchens in men's infirmary and in women's building.

Equipment for serving-room in women's building, including Monel metal sink, Monel metal kitchen table and 15-gallon coffee urn for high pressure steam.

Terrazzo floor for North section of main floor of men's building No. 1 and for short hall to lavatory.

New floor and railing for long porch on East side of second floor of men's infirmary building.

Completion of electrical re-wiring job.

Addition of considerable medical and surgical equipment.

In concluding this report, I wish to thank the Board for its continued co-operation and support. I also wish to express my appreciation to the officers and employees for their loyalty and unselfish devotion to duty.

Respectfully submitted,

GEORGE T. BASKETT, M. D.

Acting Superintendent

The usual statistical tables, covering the operations of both the Home and the Farm, follow.

MOVEMENT OF POPULATION

ADMISSION AND DISCHARGES				
	Men	Women	Children	Total
1. Number in Institution on January 1, 1934	568	99	1	668
2. Number Admitted during year 1934	285	22	-----	307
3. Number of Children born during year 1934	-----	-----	-----	-----
4. Total Population during year 1934	853	121	1	975
5. Number Discharged during 1934	233	19	-----	252
6. Number Ran Away during year 1934	65	6	-----	71
7. Number Died during year 1934	65	16	-----	81
8. Total Loss of Population during 1934	363	41	-----	404
9. Number Remaining in Institution on Dec. 31, 1934	490	80	1	571

CLASSIFICATION OF NUMBER ADMITTED DURING YEAR

AGE				
	Men	Women	Children	Total
Number of Inmates 70 years of Age and Over	54	5	-----	59
Number of Inmates 60 Years but under 70	87	4	-----	91
Number of Inmates 50 Years but under 60	68	2	-----	70
Number of Inmates 40 Years but under 50	47	7	-----	54
Number of Inmates 21 Years but under 40	29	4	-----	33
Number of Inmates 16 Years but under 21	-----	-----	-----	-----
Number of Inmates 2 Years but under 16	-----	-----	-----	-----
Number of Inmates under 2 Years of Age	-----	-----	-----	-----
Total	285	22	-----	307

NATIVITY				
	Men	Women	Children	Total
Number of Inmates born in Pennsylvania	136	10	-----	146
Number of Inmates born in other States	14	5	-----	19
Number of Inmates born in Foreign Countries	135	7	-----	142
Total	285	22	-----	307

(Continued on next page)

CLASSIFICATION OF NUMBER ADMITTED DURING YEAR—(Continued)

CLASSIFICATION OF INMATES AT END OF YEAR

AGE		Men	Women	Children	Total
Number of Inmates	70 Years of Age or Over.....	127	30	-----	157
Number of Inmates	60 Years but under 70.....	164	22	-----	186
Number of Inmates	50 Years but under 60.....	123	6	-----	129
Number of Inmates	40 Years but under 50.....	54	13	-----	67
Number of Inmates	21 Years but under 40.....	21	9	-----	30
Number of Inmates	16 Years but under 21.....	1	-----	-----	1
Number of Inmates	2 years but under 16.....	-----	-----	1	1
Number of Inmates	under 2 Years of Age.....	-----	-----	-----	-----
Total		490	80	1	571
NATIVITY		Men	Women	Children	Total
Number of Inmates	born in Pennsylvania	158	32	1	191
Number of Inmates	born in other States	17	5	-----	22
Number of Inmates	born in Foreign Countries	315	43	-----	358
Total		490	80	1	571

Deaths and Their Causes

There were 81 deaths during the year—65 men and 16 women. The causes of death were as follows:

Acute dilatation of the heart following chloroform anesthesia	1
Anthraxis	5
Bronchopneumonia	2
Carcinoma of right maxillary antrum....	1
Cardiorenal disease	8
Cardiovascular-renal disease	6
Chronic cholecystitis and cholelithiasis	1
Chronic interstitial nephritis	1
Chronic myocardial degeneration	2
Chronic myocardial degeneration with decompensation	1
Chronic myocarditis	26
Chronic valvular heart disease	7
Chronic nephritis	2
Diabetes mellitus	1
General arteriosclerosis	7
General paresis	1
Hodgkin's disease	1
Miliary sarcoma of lung	1
Pulmonary tuberculosis	4
Ptomaine poisoning (mushrooms)	1
Encephalitis lethargica	1
Accidental death (struck by train)	1

Census of Population on December 31, 1934, by Residence

Total number of patients in the Home on Dec. 31st....	571
From Wilkes-Barre City, Laurel Run Borough and Wilkes-Barre Township North of Northampton Street	161
From Wilkes-Barre City, Laurel Run Borough and Wilkes-Barre Township South of Northampton Street	89
From Parsons, Miners Mills Borough and Plains Township	41
From Hanover Township, Nanticoke City, Ashley, Sugar Notch and Warrior Run Boroughs	92
From Newport Township	28

From Plymouth and Larksville Boroughs and Plymouth Township	60
From Kingston, Edwardsville, Pringle and Courtdale Boroughs	42
From Forty Fort, Luzerne, Wyoming, West Wyom- ing, Swoyerville and Wyoming Boroughs and Kingston Township	34
From Liberty Township Poor District	1
Commitments by magistrates	23
Total	571

Itemized Financial Statement of Expenditures for Maintenance

Salaries and Wages	\$ 30,447.95
Drugs, Medicines and Medical Supplies	3,727.11
Artificial Limbs	421.50
Dental Supplies	194.20
X-Ray Supplies	83.85
Food and Provisions	33,907.10
Milk	3,074.32
Power Plant, Coal	5,197.24
Power Plant, Freight on Coal	3,456.10
Power Plant, Oils	445.98
Power Plant, Repairs	801.09
Power Plant, Supplies	617.26
Cold Storage Repairs	99.65
Cold Storage Supplies	70.73
Power purchased	2,604.47
Clothing	6,422.77
Dry Goods	478.77
Hats and Caps	520.80
Hosiery	231.18
Shoes	1,846.82
Thread	104.62
Bedding	4,040.28
Furniture	547.39
Tobacco	3,064.11
Aluminumware	111.39
Barber Supplies	39.05
Brooms and Brushes	215.71
Crockery	249.48

Cutlery	47.70
Disinfectants and Insecticides	189.27
Leather and Findings	116.06
Matches	113.00
Occupational Therapy Supplies	139.93
Oil, Lubricating and Lighting	734.39
Pipes	135.62
Soap	788.32
Starch	4.80
Tinware	499.14
Toilet Paper	198.40
Hardware	22.14
Auto Truck Repairs	304.60
Electrical Supplies and Repairs	9,467.87
Ferry Repairs	104.28
Material and Repairs	2,194.99
Paint and Painting Supplies	947.50
Tools and Machinery	2.56
Carfare	457.30
Postage	206.03
Stationery	469.59
Telephone	793.26
Amusements	921.72
Express	67.20
Freight	101.97
Insurance	481.42
Licenses	5.13
Religious Services	750.00
Grounds, Seeds and Plants	125.18
Miscellaneous	284.83
Burial of Inmates	36.74

\$123,731.86

Financial Statement for Year 1934

RETREAT FARMS

T. J. SAMPSON, Superintendent

TABLE No. 1

Produce furnished institutions:

Dairy Department:—

Whole Milk	178,052 ½ qts.	\$12,908.81
Skim Milk	24,369 qts.	974.76
Cream	4,241 qts.	1,484.35

Total Milk	206,662 ½ qts.	\$15,367.92
Beef and Veal	8,874 lbs.	610.40

Total for Dairy Department	\$15,978.32
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Poultry Department:—

Eggs—7,330 doz.	\$ 2,013.95
Poultry—3,151 lbs.	721.26

Total for Poultry Department	\$ 2,735.21
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Hog Department:—

Hams	12,654 lb	\$ 1,935.56
Loins	17,975 lb	2,381.24
Sausage	10,077 lb	2001.10
Pudding	7,014 lb	611.24
Bacon	1,204 lb	187.08
Ribs	1,840 lb	163.15
Lard	11,150 lb	843.38
Scrapple	7,060 lb	1,001.52
Carcasses	79 lb	9.48

69,053 lb

Total for Hog Department	\$ 9,133.75
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Farm and Garden Department:—

Beans, wax and green—338 ½ bu.	\$ 279.30
Beans, Lima—29 bu.	36.25
Brussels Sprouts—2 bu.	3.00
Beets—168 bu.	134.30
Cabbage—515 bbls.	456.35
Cauliflower—48 hds.	7.20
Carrots—153 bu.	156.75
Corn, sweet—37,700 ears	348.75
Cucumbers, pickling—233 qts.	
Cucumbers, slicing—239 bu.	219.21
Kale—12 bu.	9.60
Kohl Rabi—71 bu.	59.80
Lettuce—452 bu.	301.10
Onions, green—15,812 bun.	264.25
Onions, dry—179 bu.	203.45

Parsnips—241 bu.	241.00
Peas—2,896 qts.	102.60
Peppers—40 bu.	35.55
Radishes—1,448 doz. bun.	46.94
Spinach and Swiss Chard—71½ bu.	42.90
Potatoes—58 bu.	23.20
Tomatoes—1,096½ bu.	696.80
Turnips—161 bu.	88.30
Rhubarb—112½ bas.	49.60
Apples—115 bu.	118.00
Cherries—77 qts.	9.17
Currants—82 qts.	8.20
Canning Room—	
Beans—499 bu.	240.00
Tomatoes—822 bu.	411.00
Corn—83,00 ears	58.00
Cabbage—78,660 lbs.	452.70

Total for Farm and Garden Department \$ 5,103.27

Grand Total for Farm Produce \$32,950.55

Miscellaneous:—Credits received from Mental Hospital.

Use of Ford truck, hauling rock for road	
bed, 99 days	\$ 198.00
Work on Grounds, employees	71.55
Hauling rock, farm men and teams for road	
bed	62.00

\$ 331.55

Cash Receipts:—

Dairy Department Sales:

Bags	\$123.74
Hides	22.82
Livestock	311.00
Refund on Compensation	
Insurance	31.38
Milk15

\$ 489.09

Hog Department Sales:

Livestock	\$ 52.50
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Poultry Department Sales:

Eggs, 421 doz.	\$113.83
Poultry	11.69

\$ 125.52

Farm Department Sales:

Manure	\$123.37
Wood	27.80
Gasoline	7.68
Damages collected from D.	
L. & W. Ry. for horses	
killed	278.75

Refund on gas tax	240.41	
Land Rent	50.00	
Miscellaneous	15.41	
		\$ 743.42
Total Cash Receipts		\$ 1,410.53
Total Credits for Table No. 1		\$34,692.63

TABLE No. 2

Farm Produce Consumed on Farm:

(A)—Boarding House—

Whole Milk	13,419 qts.....	\$ 983.30	
Skim Milk	1,282 qts.....	50.08	
Cream	991 ½ qts.....	355.03	
Total Milk	15,692 ½ qts.....		\$ 1,388.41
Eggs—1014 doz.		\$ 280.75	
Poultry—715 lb		160.56	441.31
Pork—20 lb			1.80
Beef—25 lb			2.50
Beans, wax—6 ½ bu.		5.45	
Beets—19 bu.		16.75	
Cabbage—1,530 lb		12.85	
Cauliflower—12 hds.		1.50	
Carrots—10 bu.		9.90	
Corn, sweet—530 ears		4.68	
Cucumbers—6 bu.		5.35	
Lettuce—12 bu.		7.80	
Onions, green—274 bun.		4.90	
Onions, dry—2 bu.		1.90	
Parsnips—8 bu.		7.35	
Peas—96 qts.		4.00	
Potatoes—203 bu.		149.55	
Peppers—1 ½ bu.		3.30	
Radishes—3 bas.		1.80	
Rhubarb—140 bun.		2.40	
Spinach—9 bu.		5.40	
Tomatoes—9 bu.		5.93	
Turnips—2 ½ bu.		1.60	
Apples—27 bu.		27.00	
Raspberries—8 qts.		1.00	
			\$ 280.41

Total Value of Produce consumed at Boarding House.... \$ 2,114.43

(B)—Consumed by Livestock:

Whole Milk	16,151 qts.....	\$1,087.28	
Skim Milk	15,593 qts.....	623.72	
Total Milk	31,744 qts.....		\$ 1,711.00

Corn for Ensilage—380 T. @ \$5.00	\$1,900.00
Corn for Pigs—240 bu. @ .90	216.00
Rye for Chickens—40 bu. @ .80	32.00
Straw for Bedding—8 T. @ \$10.00	80.00
Corn cut green & fed cows—84 T. @ \$3.00	252.00
	<hr/>
	\$ 2,480.00
15 acres of tillable land used for hog pasture.	
Mountain side used for cow pasture.	
Total value of milk and produce raised and consumed on farm	\$ 6,305.43

SUMMARY

Credits:

Total of produce raised and furnished institutions	\$32,950.55
Miscellaneous items	331.55
Cash sales (these 3 items from Table 1)	1,410.53
Farm produce raised and consumed at Refectory	2,114.43
Consumed by livestock	4,191.00
	<hr/>
Total Credits	\$40,998.06
Increase in inventory over 1933	643.00
	<hr/>
Grand Total	\$41,641.06

Expenditures:

Maintenance a/c (See Table 3)	\$38,329.48
General a/c (Permanent Improvements) ..	395.70

Total Outlay

\$37,725.18

General Account Itemized:

Concrete feeding floors for hogs	\$ 41.59
Additions to Lanning cottage	146.81
New water line to Refectory	207.30
	<hr/>
Total	\$ 395.70

TABLE No. 3

Total Maintenance Disbursements\$38,329.48

1.—Dairy Department:

Feeds	\$10,388.08
Wages	2,823.13
Repairs	600.80
Veterinary Expense	202.13
Disinfectants	67.50
Registration	51.19
Cow Testing Association	160.52
Fuel and Light	842.64
Dairy Supplies	487.71
Cattle Purchased	250.00
Miscellaneous and Administration	1,377.29

\$17,250.99

Credits:

Furnished institutions	
(T. 1.)	\$15,978.32
Cash sales (T.1. P. 2)	489.09
Consumed on farm (T. 2) ..	3,101.91
Total Credits	\$19,569.32

2.—Hog Department:

Feeds	\$ 5,522.73
Wages	874.50
Repairs	136.55
Veterinary Expense	258.42
Fuel and Light	434.75
Supplies	42.72
Livestock	30.80
Pork Products	15.55
Miscellaneous and Administration	606.75

\$ 7,922.77

Credits:

Furnished institutions	
(T. 1)	\$ 9,133.75
Cash Sales (T 1, P 2)	52.50
Consumed on Farm (T. 2)	1.80
Total Credits	\$ 9,188.05

3.—Poultry Department:

Feeds	\$ 1,541.32
Wages	240.00
Repairs	143.44
Disinfectants .....	.75
Fuel & Light	105.25
Supplies	28.83
Livestock	163.22
Miscellaneous and Administration	182.03

\$ 2,404.84

Credits:

Furnished Institutions	
T. I.)	\$ 2,735.21
Sales (T. I. P. 2)	125.52
Consumed on Farm	441.32
Total Credits	\$ 3,302.04

4.—Farm and Garden Department:

Feeds	\$ 1,284.88
Wages	2,966.66
Repairs	269.61
Horeshoeing & Gen'l Blacksmithing	221.46
Trucks	1,338.81
Tractor	363.78
Fuel and Light	173.75
Farm Supplies	246.66

Seeds, Plants & Vertilizers	1,030.69
Farm Machinery & Tools	567.26
Fencing Supplies	79.70
Veterinary Expense	78.35
Miscellaneous & Administration	792.79

9,414.40

Credits:—See T. 3, P. 2.

Furnished Institutions	
(T. 1.)	\$ 5,103.27
Sales (T. I. P. 2)	743.42
Miscellaneous Credits	
(T. I. P. 2)	331.55
Consumed on Farm (T. 2)	
(A) Refectory	280.41
(B) By Livestock	2,480.00
Total Credits	\$ 8,938.65

5.—Refectory Department:

Provisions	\$ 4.45
Pans and Dishes	62.66
Other Supplies	132.47
Fuel and Light	204.88
Repairs	119.35
Wages	691.33
Miscellaneous and Administration	121.34

\$ 1,336.48

Credits:

Meals furnished at cost per meal*	
Employees—8,190 meals \$	1,763.01
Inmates—21,409 meals	4,607.22
Total—29,599 meals	

Total Credits\$ 6,370.23

*Cost per meal \$.2152

RECAPITULATION OF REFECTORY DEPARTMENT

Expenses—Maintenance a/c	\$ 1,336.48
Milk and produce furnished from farm	2,114.43
Groceries from Home	2,919.32
Total Expense	\$ 6,370.23

Average cost per meal	\$.2152 plus
Average cost per meal, wages only	0.0234 minus
Average cost, groceries from Home	0.0986
Average cost, groceries and provisions	0.1703
Average cost, fuel & light, repairs, furniture, etc.....	0.0217

INVENTORY DECEMBER 31, 1934

	1933	1934
Dairy Cattle 96, last year 92	\$11,085.00	\$11,635.00
Horses 6, last year 6	1,250.00	1,250.00
Hogs 206, last year 318	4,230.00	2,961.00
Poultry 935, last year 877	694.65	856.35
Feed	1,252.17	2,532.06
Farm Supplies and Tools	774.94	808.15
Vehicles	260.00	308.00
Farm and Garden Machinery	861.00	816.75
Trucks and Tractors	1,390.00	1,190.00
Boarding House	390.35	475.65
Household Furniture	530.50	490.15
Poultry Supplies	121.75	169.00
Dairy Rooms	345.80	411.14
Farm Office	284.95	309.75
Produce raised on farm	159.50	163.20
Miscellaneous	1,571.16	1,468.59

TOTALS	\$25,201.77	\$25,844.77
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Increase in Inventory	\$ 643.00
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Value of farm land Jan. 1, 1935:

Total Acreage—972 Acres.

Under Cultivation—88 Acres @ \$120.00	\$10,560.00
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Mountains and Waste Land—884 Acres @ \$10.00	\$ 8,840.00
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Total	\$19,400.00
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COST OF MILK PRODUCTION, 1934

Milk furnished:

Institutions—206,662 ½ qts.	\$15,367.82
Farm Refectory—15,692 ½ qts.	1,388.41
Sold—1 qt. ....	.15
Consumed by Livestock—31,749 qts.	1,711.00

Total Milk Produced—254,105 qts.	\$18,467.48
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Total Cost of Operating Dairy Dept., Maintenance a/c....	\$17,250.99
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Less Credits:

Beef furnished Institution and Farm	\$ 612.90
Cash Sales	489.09

Total Credits	1,101.99
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Net Expense	\$16,149.00
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Cost of producing one quart of milk	\$ 0.0635
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RC Retreat Mental

445 Hospital - Annual

.P4Re Report - 1934.

DATE

ISSUED TO

Fernsler Printery  Wilkes-Barre, Pa.